

## SuperDissol Instant TG Buffer

Cat#: 8015111/8015112

### [Product Name]

SuperDissol Instant TG Buffer

### [Model & Size]

Product Name	Cat No.	Size
SuperDissol Instant TG Buffer	8015111	10 packs/box
	8015112	50 packs/box

Note: The pH value of 1× solution is 8.3±0.2@25°C.

### [Product Description]

Instant TG Buffer is white to off-white instant granules, and each pack of this product can produce 1 L of 1 × TG Buffer, which is easy to operate and use. The main components of TG are Tris and glycine. The concentration of Tris and glycine in 1 ×TG Buffer is 25 mM and 192 mM.

- ① Instant TG Buffer is commonly used for fast western blotting after being prepared into 1 × in 20% methanol, mainly for wet transfer;
- ② Used to prepare non-denaturing protein polyacrylamide gel electrophoresis (Native-PAGE) buffer.

### [Storage And Transportation]

Store at room temperature of 10°C~30°C, protected from light, with a shelf life of 36 months.

### [Operating Instruction]

1. Place a clean beaker, and add the entire contents of a newly opened pack of Instant TG Buffer.
2. Measure about 500 ml of pure water, slowly add it into the beaker, and gently stir with a stir bar until it is completely dissolved (This step can also be performed with magnetic stirrer).
3. Transfer the TG solution in Step 2 into a constant volume container, and add water to dilute to 1 L, which is 1 × working solution.

### [Schematic Diagram of Instant Buffer Preparation]

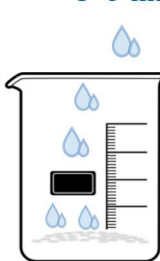
#### Steps: 1. Unpack



1. After unpacking a pack of instant granules, add the granules into a beaker.

#### 2. Pre-dissolution

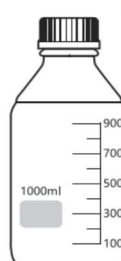
1~5 minutes



2. Add 500 mL of pure water to the beaker to dissolve the granules completely.

#### 3. Dilution

1 minute











3. Transfer the dissolved solution into a volumetric flask, and then add an appropriate amount of water to dilute to 1000 mL.

Figure 1. Schematic Diagram of Instant Buffer Preparation

Note: Wash the container sufficiently with pure water before preparation, and clean it in time after preparation.

**[Description Of Product Symbol]**

Product Symbol	Description	Product Symbol	Description
	Catalog Number		Batch Code
	Date of Manufacture		Manufacturer
	Keep away from light		Temperature limit
	Consult instructions for use		Use-by date

**[Company Information]**

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